



PRESS RELEASE

GE Sets New, Higher Standard for LED Traffic Signal Quality

Ongoing random production unit tests by third-party certification firm Intertek to go beyond ITE standard

CLEVELAND — Lumination, LLC, GE Consumer & Industrial's LED business, wants customers and potential customers of any LED traffic signal manufacturer, including people considering GE's offerings, to demand lasting, higher quality production standards. "Write it into the spec," exclaims David Elien, president and CEO, Lumination.

"Demanding solid, objective proof of enduring quality and performance is good for customers, good for the driving public and good for GE," adds Elien.

To this end, GE asked Intertek to develop a new comprehensive third-party certification program for LED traffic signal modules. Under the **new Intertek ETL Verified certification program**, production units of Lumination's GT1™ brand of LED circular signals, arrows and pedestrian signals will be independently tested and evaluated using the latest industry standards published by the Institute of Transportation Engineers (ITE).

The Intertek ETL Verified program is a powerful new quality assurance tool that takes existing industry testing standards to the next level. Current third party testing involves design qualification testing as defined under ITE Specifications, Section 6.4. It requires manufacturers to provide six proof-of-design modules that meet ITE Specifications.

The new Intertek ETL Verified program goes beyond these minimum specifications. It involves an initial production facility audit and product benchmarking tests followed by a bi-annual facility audit and testing of two random samples of each SKU to ensure that production units are ITE compliant.

Section 6.3 Production Tests & Inspections of the ITE Specifications notes that all production modules tendered for sale shall undergo comprehensive testing prior to shipment, where the failure of a module to meet the requirements shall be cause for rejection. This ensures that purchasers, specifiers and end-users receive the highest degree of confidence in product quality and performance. The production quality assurance includes routine tests of random samples to ensure minimum performance levels of modules built to meet the latest ITE Specifications.

Section 6.3 states that all lamps must undergo full production testing and inspection prior to shipping. All lamps must pass:

- Luminous intensity requirements;
- Power factor requirements;
- Current consumption less than 120 percent of design; and
- Visual inspection.